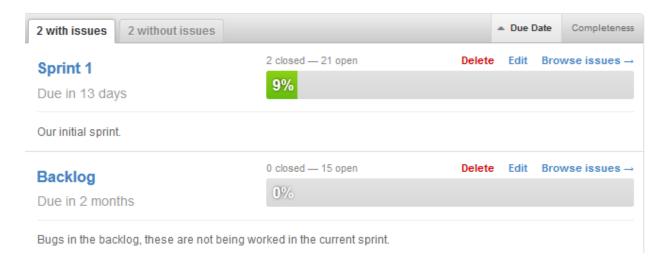
Team 3 - Lesson 3 Status on Deliverables

- 1. Writing XUnit cases
- 2. Develop code to pass XUnit cases
- 3. Reprioritize/expand/contract backlog as needed

Current Status for Sprint 1

21 Open Use Cases. 2 Closed Use Cases.



Current Tests and Status of Tests

```
★ BrewersBuddy - Microsoft Visual Studio
FILE EDIT VIEW PROJECT BUILD DEBUG TEAM SQL TOOLS TEST ARCHITECTURE ANALYZE WINDOW HELP
 O - O 地 - 単日 P - C - ト Firefox - Debug - 月、世間 かや まりまり。
                  ▼ # × Object Browser
                                                       TestUtils.cs TestCalculations.cs
                                                                                        BatchContollerTest.cs*
  Test Explorer
                                                                                                                  BatchTests.cs* + X
  $ 12 - Search D - * BrewersBuddy, Tests Models Batch Tests
                                         ∃using System;
   Streaming Video: Improving quality with *
                                           using System.Collections.Generic;
                                           using Microsoft. Visual Studio. TestTools. UnitTesting;
   Run All | Run. - | Playlist : All Tests -
   using BrewersBuddy.Models;
                              18 ms
     C Login_TEST
                                         Enamespace BrewersBuddy.Tests,Models
     O LogOff_TEST
                                Tims
     RecoverPassword_TEST
                                6 ms
                                               [TestClass]
     TestBatchList
                                Tisec
                                               public class NatchTests
     TestCreateBatch
                               3 mis
   ▲ Passed Tests (14)
     About
                                1.ms
                                                   [TestMethod]
     Contact
                                7 ms
                                                   public woid TestCreateBatch()
     O Index
                               18 ms

☑ RegisterUser_TEST

                              419 ms
                                                       BatchDBContext db = new BatchDBContext();

⊘ TestABV

                                4 ms
                                                       Batch batch = new Batch();

☑ TestABVPercentage

                               < 1 ms
                                                       batch.Name = "Test";
batch.Type = BatchType.Mead;
     TestAddBatchAction
                                4 ms

▼ TestAddMeasurement

                                                       batch.StartDate = DateTime.Now;

☑ TestAddTalnvetory

                                Sims

☑ TestRemoveBatchAction

                                                       db.Batches.Add(batch);

☑ TestRemoveMeasurement

                               T ms
                                                       //ObSet<Batch> batches = db.Batches;
     TestViewBacthActions
                              < 1 ms
                                                       Assert.Fail("Not sure why the abve line isn't working. References??");
     UserCanEditAccountInformati... 14 ms
     UserCanEnterZipToFindBrewe... 15 ms
                                                   [TestMethod]
                                                   public void TestAddMeasurement()
    Summary
                                                       BatchDBContext db = new BatchDBContext();
     Last Test Run Failed (Total Run Time 0:00:04
    MI THE TAKE I SHEET LET
                                    100 %
```

Examples of Tests:

```
[TestMethod]
public void UserCanEnterZipToFindBrewers_TEST()
{
    // Arrange
    AccountController controller = new AccountController();

    // Act
    // Create a few accounts with same zip code
    // Call the search method with the zip code
    ViewResult result = controller.RecoverPassword("NUNIT_Test") as ViewResult;

    // Assert
    // Assert
    // That all users returned have the same zip code
    Assert.AreEqual("An email with your password has been sent.", result.ViewBag.Message);
}
```

```
[TestMethod]
public void Login_TEST()
{
    // Arrange
    AccountController controller = new AccountController();

    // Act
    LoginModel loginModel = new LoginModel();
    loginModel.UserName = "NUNIT_Test";
    loginModel.Password = "123456";
    ViewResult result = controller.Login(loginModel, "URL") as ViewResult;

    // Assert
    var membership = System.Web.Security.Membership.GetUser();
    Assert.AreEqual("Logged in username is NUNIT_Test", result.ViewBag.Message);
}
```

```
[TestMethod]
public void LogOff_TEST()
{
    // Arrange
    AccountController controller = new AccountController();

    // Act
    LoginModel loginModel = new LoginModel();
    loginModel.UserName = "NUNIT_Test";
    loginModel.Password = "123456";
    controller.Login(loginModel, "URL");
    ViewResult result = controller.LogOff() as ViewResult;

    // Assert
    // Find the global user for this instance and make sure the user is not NUNIT_Test
    Assert.AreEqual("NUNIT_Test is logged off", result.ViewBag.Message);
}
```

```
[TestMethod]
public void RecoverPassword_TEST()
{
    // Arrange
    AccountController controller = new AccountController();
    // Act
    ViewResult result = controller.RecoverPassword("NUNIT_Test") as ViewResult;
    // Assert
    Assert.AreEqual("An email with your password has been sent.", result.ViewBag.Message);
}
```

```
[TestMethod]
public void RegisterUser_TEST()
{
    // Arrange
    UsersContext db = new UsersContext();

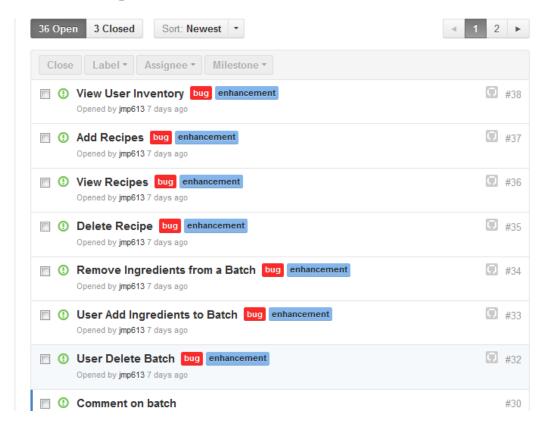
    // Act
    UserProfile userProfile = new UserProfile();
    userProfile.UserName = "NUNIT_Test";
    userProfile.Email = "NUNIT@Test.com";
    userProfile.FirstName = "Nunit";
    userProfile.LastName = "Test";
    userProfile.City = "Brewery";
    userProfile.State = "KS";
    userProfile.Zip = "12345";

    db.UserProfiles.Add(userProfile);

    var user = db.UserProfiles.Find(0);
    Assert.AreEqual("NUNIT_Test", user.UserName);
    db.UserProfiles.Remove(userProfile);
}
```

Other Accomplishments:

Use Cases Assigned to Various Teammates:



Initial Baseline Requirements Documents Created.